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Our File No. 9281-4115 Client Reference No. S US00101

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re	Application of:	, ,
Yuich	i Shimizu et al.	)
Serial	No. To Be Assigned	)
Filing	Date: Herewith	)
For:	Compact Electronic Circuit Unit Having Circulator, Manufactured with High Productivity	)

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicants hereby submit references A1 - A2 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of the references are enclosed herewith.

Japanese Unexamined Patent Application Publication No. Hei-10-173409 discloses a circulator or an isolator in which a ferrite member is buried in a ceramic substrate, and microstrip conductors and grounding conductors are formed to make a closed magnetic circuit. Japanese Unexamined Patent Application Publication No. Hei-6-140813 discloses a circulator or an isolator formed of a central conductor section sandwiched by garnet members, which is disposed in a hole of a dielectric substrate, a magnet and a case.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicants reserve the right to contest these references as prior art against the present application, and Applicants do not believe that the disclosure of these references, even if finally

determined to be prior art, anticipates Applicants' invention or that these references make Applicants' invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicants respectfully request that the Examiner review the entire disclosure of these documents and make them of record.

Respectfully submitted,

Michael E. Milz

Registration No. 34,880

Attorney for Applicants

BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, ILLINOIS 60610 (312) 321-4200

FORM PTO-1449	SERIAL NO.		CASE NO.
	i 	To be Assigned	9281-4115
LIST OF PATENTS AND PUBLICATIONS FOR	FILING DATE		GROUP ART UNIT
APPLICANT'S INFORMATION DISCLOSURE		Herewith	
STATEMENT			
(use several sheets if necessary)	APPLICANTS	Yuichi Shimizu e	t al.

REFERENCE DESI	GNATION	U.S. PATEN	T DOCUMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANS YES	LATION NO
	A1	Japanese Unexamined Patent Application Publication No. Hei-10-173409	06/1998	Japan		X (Partial)	
·	A2	Japanese Unexamined Patent Application Publication No. Hei-6-140813	05/1994	Japan		X (Partial)	
					<del>                                     </del>		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Rev. Oct. 97